

CLAIMS

1. A wood-like molded product comprising:
 - a cylindrical main body which is made of a mixed material containing: fine cellulose powder particles obtained from a wood material; and resin, and permits a bottle to be inserted thereinto; and
 - a supporting member provided in the cylindrical main body, to support a bottom face of the bottle inserted in the cylindrical main body.
2. A wood-like molded product comprising:
 - a cylindrical main body which is made of a mixed material prepared by mixing wood waste material ground powder obtained from a wood waste material containing an impurity and resin waste material ground powder obtained from a resin waste material containing an impurity, and permits a bottle to be inserted thereinto; and
 - a supporting member provided in the cylindrical main body, to support a bottom face of the bottle inserted in the cylindrical main body.
3. The wood-like molded product as claimed in claim 2, wherein an opening portion which communicates with the inside of the cylindrical main body and through which the bottle inserted in the cylindrical main body is visually recognizable is formed.
4. A wood-like molded product comprising:

a cylindrical main body which is made of a mixed material prepared by mixing wood waste material ground powder obtained from a wood waste material containing an impurity and resin waste material ground powder obtained 5 from a resin waste material containing an impurity, and permits an article to be inserted thereinto; and

a supporting member provided to the cylindrical main body, to support a bottom face of the article inserted in the cylindrical main body.

10 5. The wood-like molded product as claimed in any one of claims 2 to 4, wherein the cylindrical main body contains a wood portion in the wood waste material, of 51 to 75 wt% with respect to the whole of the cylindrical main body, a resin portion in the resin waste material, 15 of 10 to 45 wt% with respect to the whole of the cylindrical main body, and the impurities of 20 wt% or less in total with respect to the whole of the cylindrical main body.

6. A manufacturing apparatus to manufacture the 20 cylindrical main body of the wood-like molded product as claimed in any one of claims 1 to 5, through extrusion molding, the apparatus comprising:

an extrusion molding device to heat and melt the mixed material, and mold the mixed material into a 25 cylindrical shape through extrusion molding;

a sizer member which includes an opening portion of which an inner diameter is substantially the same as an outer diameter of an extrusion mold product in the cylindrical shape produced by the extrusion molding 5 device through the extrusion molding, and adjusts a sectional shape and a dimension of the extrusion mold product by inserting the extrusion mold product into the opening portion; and

10 a cutting device to cut the extrusion mold product, of which the sectional shape and the dimension are adjusted by the sizer member, into a predetermined length, thus forming the cylindrical main body.

7. A manufacturing method of manufacturing the cylindrical main body of the wood-like molded product as 15 claimed in any one of claims 1 to 5, comprising:

an extrusion molding step of heating and melting the mixed material, and molding the mixed material into a cylindrical shape through extrusion molding;

20 a sizer step of adjusting a sectional shape and a dimension of an extrusion mold product molded through the extrusion molding in the extrusion molding step; and

a cutting step of cutting the extrusion mold product, of which the sectional shape and the dimension are adjusted in the sizer step, into a predetermined length, 25 thus forming the cylindrical main body.